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PATENT: 1304-1-01>C...

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APPLICANT(S): Henry E. Young et al.

SERIAL NO.: 09/820,320

DATE FILED: March 28, 2001

ART UNIT: 1632

FOR: PLURIPOTENT EMBRYONIC-LIKE STEM CELLS, COMPOSTIONS,

METHODS AND USES THEREOF

CERTIFICATE OF MAILING UNDER 37 CFR §1.8

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Betty Schultz (Name of depositor) Signature and Date)

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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR §1.97 and MPEP 717.05(b), Applicant(s) submit herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The publications forwarded herewith are listed on the enclosed Form PTO-1449. Applicant(s) request that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

Enclosed please find copies of References AA through CF listed on the attached Form PTO-1449.

PATENT: 1304-1-019CIP1

Since this Information Disclosure Statement is filed after mailing of the first office action but prior to mailing of a final office action or notice of allowance, a check in the amount of \$180.00 is included to cover the fee due pertinent to C.F.R. 37 §1.97(c). Please charge any additional fees, or credit any overpayments, to Klauber & Jackson Deposit Account 11-1153.

Respectfully submitted,

Christine E. Dietzel

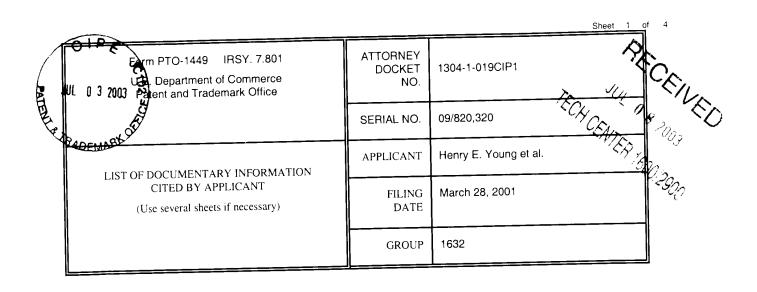
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Date: July 1, 2003



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	5,827,735	10/27/98	Young et al.			
	AB	5,903,934	5/18/99	Sears, III			
						1	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AC	WO 98/07841	2/26/98	PCT			
AD	WO 01/11011 A2	2/15/01	PCT			
				L 		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ΑE	Bjornson et al, 1999, Science 283:534-7 (1999)
AF	Brown, In Vitro Cell Dev Biol 28A:773-8 (1992)
AG	Brugge et al., Science 260:918-919 (1993)
АН	Davis et al., FASEB J. 9:A552 (1995)
Al	Davis et al., FASEB J. 9:A590 (1995)
AJ	Evans et al., Nature 292:154-156 (1981)

EXA	M	N	FR
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DATE CONSIDERED:

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Seg .	Porm PTO-1449 IRSY. 7.801 Department of Commerce tent and Trademark Office	ATTORNEY DOCKET NO.	1304-1-019CIP1	10 8 200
SATENT &	2000 8	SERIAL NO.	09/820,320	1000
Α,	LIST OF DOCUMENTARY INFORMATION	APPLICANT	Henry E. Young et al.	307
	CITED BY APPLICANT (Use several sheets if necessary)	FILING DATE	March 28, 2001	
		GROUP	1632	

 A _{IZ}	Eisenberg et al., Dev. Biol., 191:167-81 (1997)
 AK	
 AL	Grande et al., Tiss. Eng., 1:345-53 (1995)
AM	Graves et al., Mol Reprod Dev., 36: 424-33 (1993)
AN	Grigoriadis et al., J. Cell Biol., 106:2139-51 (1988)
 AO	Guerriero et al., Endocrinology, 106:1198-1202 (1980)
AP	Hayflick, Perspect Virol, 3:213-37 (1963)
 AQ	Hayflick, Exper Cell Res, 37:614-35 (1965)
AR	Hauner et al., J. Clin. Endocrin Metab., 64 :832-5 (1987)
 AS	lannaccone et al., Dev. Biol., 163:288-292 (1994)
 AT	Kadiyala et al., Cell Transplanta, 6:125-34 (1997)
 AU	Klausmeyer et al., J. Cell. Biochem.,18B:182 (1994)
 AV	Kopen <i>et al.</i> , <i>PNAS USA.</i> , 96: 10711-16 (1999)
 AW	Langer et al., Science., 260: 920-26 (1993)
 AX	Li et al., Curr Biol, 8:971-4 (1998)
AY	Lin et al., Eur J. Immunol, 25: 1508-16 (1995)
 AZ	Lucas et al., J. Cell Biochem ,17E:122
 ВА	Lucas et al., J. Cell Biochem ,18C:276 (1994)
 BB	Lucas et al., Wound Rep. Reg., 3:449-60 (1995)

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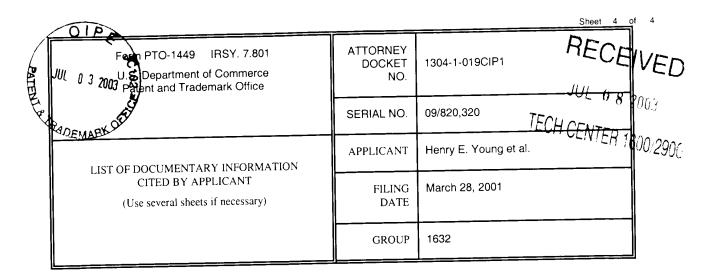
DATE CONSIDERED:

			Sheet Ox 4
	U.S. Department of Commerce Patert and Trademark Office	ATTORNEY DOCKET NO.	1304-1-019CIP1 TECH CENTURY 8 2003
ATEN	Pater and Trademark Office	SERIAL NO.	09/820,320
	LIST OF DOCUMENTARY INFORMATION	APPLICANT	Henry E. Young et al.
	CITED BY APPLICANT (Use several sheets if necessary)	FILING DATE	March 28, 2001
		GROUP	1632

 вс	Lucas et al., J. Surg. Res., 62: 229-32 (1996)
BD	Martin, <i>PNAS, USA</i> , 78 :7634-8 (1981)
BE	Notarianni et al., J. Reprod Fertil Suppl., 43: 255-60 (1991)
 BF	Owen et al., Ciba Foundation Symposium, 136:42-60 (1988)
 BG	Pate et al., Surgical Forum, XLIV:587-9 (1993)
ВН	Petersen et al., Science, 284: 1168-1170 (1999)
 Ві	Pittenger <i>et al.</i> , <i>Science</i> , 148 :143-7 (1999)
ВЈ	Prockop, <i>Science</i> , 276 :71-4 (1997)
 ВК	Ratajczak <i>et al.</i> , <i>Leukemia</i> , 12: 942-50 (1998)
BL	Rogers et al., The American Surgeon, 61:231-6 (1995)
 ВМ	Saito et al., Tiss. Eng., 1:327-343 (1995)
BN	Shamblott et al., PNAS USA, 95:13726-31 (1998)
ВО	Stocum, Wound Repair and Regeneration; 6:276-90 (1998)
ВР	Taylor et al., Cell, 17:771-9 (1979)
BQ	Taylor et al., J. Cell. Physiology, 111 :187-94 (1982)
BR	Thomson et al., PNAS USA, 92:7844-8 (1995)
BS	Thomson et al., Science, 282:1145-7 (1998)
ВТ	Todaro et al., J. Cell Biol., 17:299-313 (1963)

EX	$\neg \cdots$	11.4 F	_ 1 \.

DATE CONSIDERED:



BU	Urist et al., In Vitro, 14: 697-706 (1978)
в٧	Wakitani et al., J. Bone Joint Surg. Am., 76: 579-92 (1994)
вw	Warejcka <i>et al., J. Surg. Res.</i> , 62: 233-42 (1996)
вх	Young et al., J. Tissue Culture Methods, 13:275-84 (1991)
вү	Young et al., J. Tissue Culture Methods, 14:85-92 (1992)
BZ	Young et al., J. Tissue Culture Methods, 14:31-36 (1992)
CA	Young et al., In Vitro Cellular & Developmental Biology, 29A:723-36 (1993)
СВ	Young et al., Developmental, 202: 137-144 (1995)
СС	Young et al., J. Orthop. Res., 16 :406-13 (1998)
CD	Young et al., Wound Rep Reg. 6 :65-75 (1998)
CE	Young et al., Wound Rep Reg, 6: 543-54 (1998)
CF	Young et al., Proc. Soc. Exp. Biol. Med., 221:63-71 (1999)
†	

EXAMINER:

DATE CONSIDERED: